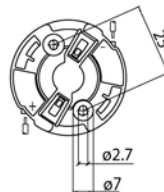
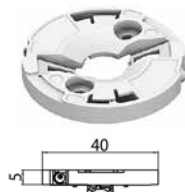


Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC006B	462601320	80	2700	3	920	144	837	137	180	35,5
	462601321		3000		959	150	872	142		
	462601322		4000		1367	156	907	148		

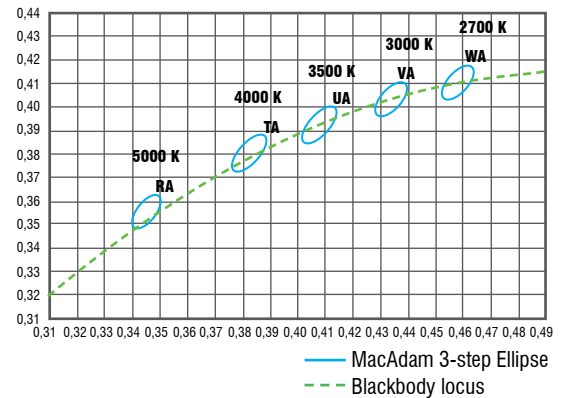
LC006B	
Absolute maximum rating Valore assoluto nominale massimo	
LED junction temperature Temperatura di giunzione del LED	Tj = 140 °C
Case temperature Temperatura involucro	Tc = 105 °C
Forward current Corrente diretta	If = 320mA
Electro-optical characteristics (If=180mA, Ta=25 °C) Caratteristiche elettro-ottiche	
Thermal resistance (junction to chip point) Resistenza termica (giunzione per punto chip)	2,0 °C/W
Beam Angle Angolo fascio luminoso	115°
Nominal Power Potenza nominale	6,4 W
Eye protection Protezione per gli occhi	Risk 1

Holder 8202/G2



Product not available for the German market.
Prodotto non disponibile per il mercato tedesco.

Chromaticity region and coordinates (If=240mA, Ta=25°C)
Regione e coordinate cromatiche (If=240mA, Ta=25°C)



5.

High efficacy COB LED
COB LED ad alta efficienza

**Reference Norms
Norme di riferimento**
EN 55015
EN 61547
EN 62031
EN 62471
UL 8750

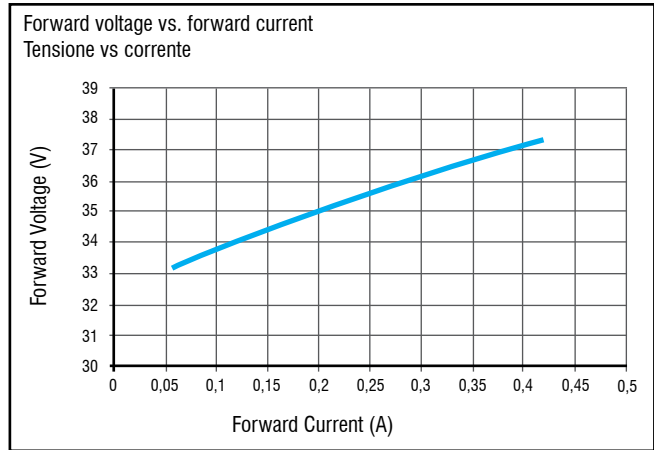
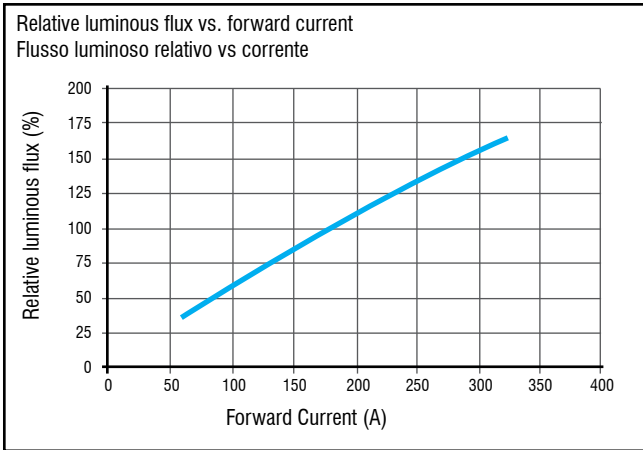
- Features**
- Chip on Board (COB) solution makes it easy to design in.
 - Simple assembly reduces manufacturing cost.
 - Low thermal resistance.
 - InGaN/GaN MQW LED with long time reliability.
 - Completed 6,000 hours of LM-80 testing.
 - LES: Ø 8 mm.
 - Footprint: 13,5 mm x 13,5 mm.

- Applications**
- Spotlight and Downlight.
 - LED retrofit bulbs.
 - Outdoor illumination.

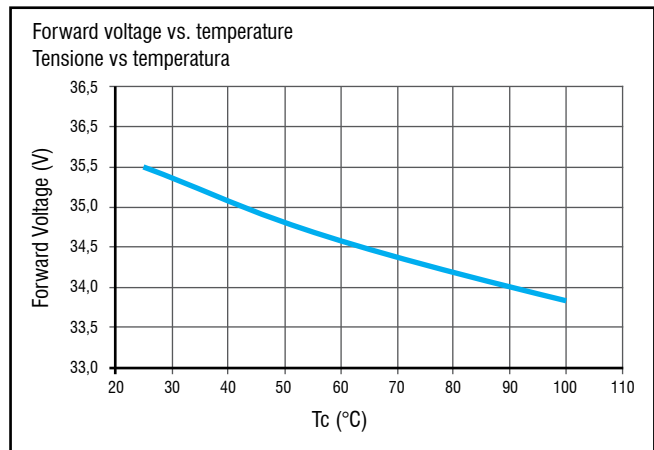
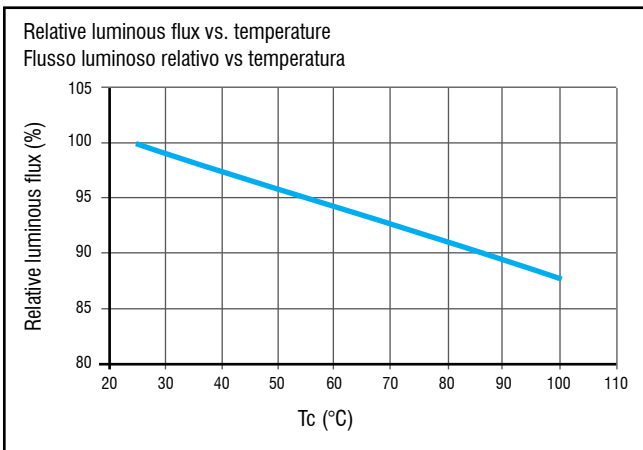
- Caratteristiche**
- Le soluzioni COB rendono facile la progettazione.
 - Montaggio semplice che riduce i costi di produzione.
 - Bassa resistenza termica.
 - InGaN / GaN MQW LED con durevole affidabilità.
 - Completato test di 6.000 ore, LM-80 test.
 - LES: Ø 8 mm.
 - Footprint: 13,5 mm x 13,5 mm.

- Applicazioni**
- Spotlight e faretto ad incasso.
 - Lampadine LED retrofit.
 - Illuminazione esterna.

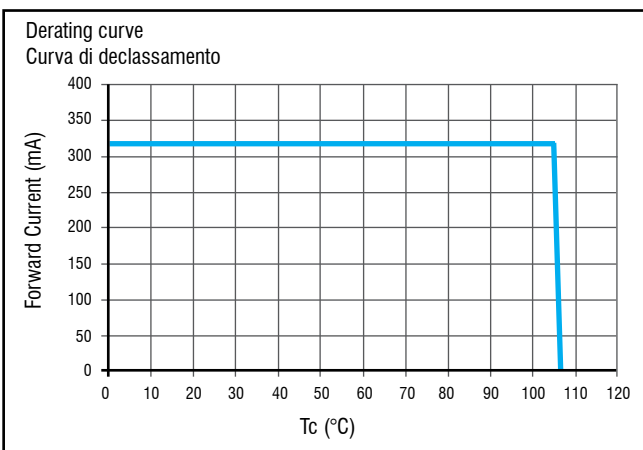
Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 °C)



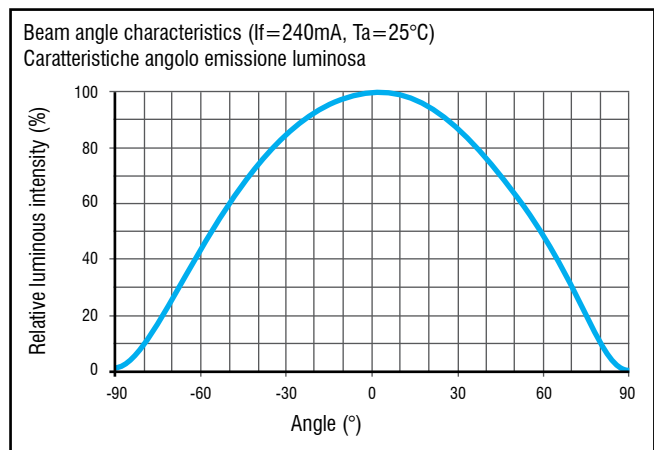
Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 °C)



Derating curve - Curva di declassamento



**Beam angle characteristics (If=240mA, ta=25 °C)
Caratteristiche angolo di emissione luminosa (If=240mA, ta=25 °C)**



5.
High efficacy COB LED
COB LED ad alta efficienza